

19970619.qrp qrp-por0.761
 >From owner-qrp-l@Lehigh.EDU Wed Jun 18 18:03 CDT 1997
 >Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
 > by uro.theporch.com (8.8.6/A-UX-3.1.1) with ESMTP id SAA03205
 > for <shimshon@uro.theporch.com>; Wed, 18 Jun 1997 18:03:55 -0500 (CDT)
 >Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
 > by sco.theporch.com (8.8.6/SCO-5.0.2) with ESMTP id XAA13966
 > for <shimshon@theporch.com>; Wed, 18 Jun 1997 23:03:47 GMT
 >Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
 <34943-34334>; Wed, 18 Jun 1997 19:03:14 -0400
 >Date: Wed, 18 Jun 1997 19:03:13 EDT
 >Sender: owner-qrp-l@Lehigh.EDU
 >Precedence: bulk
 >From: qrp-l@Lehigh.EDU
 >To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 >Subject: QRP-L digest 761
 >Mime-Version: 1.0
 >Content-Type: text/plain; charset=us-ascii
 >X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
 >Message-Id: <97Jun18.190314edt.34943-34334+215@fidoii.cc.Lehigh.EDU>
 >X-Status:
 >Status: 0

QRP-L Digest 761

Topics covered in this issue include:

- 1) [21534] RE: WBL Designs V22
by Rohn <rohn@pubrats.com>
- 2) [21535] Re: 38s Digital Display *AND* 24hr CLOCK!
by Rohn <rohn@pubrats.com>
- 3) [21536] Intelli xcvr EPROM
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 4) [21537] Re: Freq Change:50/40/30 Calif. THURSDAY, 6/19
by Larry Trullinger <kb0emb@swbell.net>
- 5) [21538] Re: 38s Digital Display *AND* 24hr CLOCK!
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 6) [21539] Dave Mecham... where are you...???
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 7) [21540] more comments from qrp friends
by MSU1972@aol.com
- 8) [21541] ITU Callsigns List
by n4so@juno.com
- 9) [21542] Re: loop skywires
by Dave Marling <dbm@klis.com>
- 10) [21543] Cascade (troubles are over..... at least for now)
by Harry Bump <bump@redrose.net>
- 11) [21544] As I was surfing.. I found kits.

- by wb8ygg@juno.com (Bradley S. Mitchell)
- 12) [21545] Re: QRP DX
by Michael <MichaelN@cycat.com>
 - 13) [21546] License renewal (amateur radio)
by "Phil, K6LS" <k6ls@qsl.net>
 - 14) [21547] Re: loop skywires
by Walter Dufrain <dufrain@gte.net>
 - 15) [21548] Re: Portable Paddle
by Jess Gypin <jessqrp@concentric.net>
 - 16) [21549] Field Day
by Brad Mugleston <bmug@gwl.com>
 - 17) [21550] Re: SST Field-Test notes From the Wilderness Engineering Lab
by WD6BOR@aol.com
 - 18) [21551] pixy
by Wayneb1103@aol.com
 - 19) [21552] Loops and DX
by "Robert D. Haslach" <rhaslach@CapAccess.org>
 - 20) [21553] Field Day (DM66na)/Special Event Stn (DM73iv)
by wa5whn@juno.com (Jay D Miller)
 - 21) [21554] RE: loop skywalker
by "J. Skalski" <jskalski@acsu.buffalo.edu>
 - 22) [21555] RE: QEX, info, etc. (was Re: Index labs service, etc.)
by "L. Mark Pilant - MS:ZK03-4/Y02 DTN:381-1529" <pilant@seesaw.ENABLE.dec.com>
 - 23) [21556] Re: As I was surfing.. I found kits.
by "ukii" <ukii@megsinet.net>
 - 24) [21557] Wanted:circuit for 2m CW simple txvr
by Peter Zenker <100743.3320@CompuServe.COM>
 - 25) [21558] Enviortronics Iambic Paddles
by jim hale <kj5tf@mctc.com>
 - 26) [21559] selling my argo 505
by jim <kw3u@warwick.net>
 - 27) [21560] Delta Loop
by ji3m@maxwell.com (James R. Duffey)
 - 28) [21561] Hamcom 3.1
by AA0QX <AA0QX@prodigy.net>
 - 29) [21562] (fwd) [TenTec] Rumor...not
by mdwatt@usit.net (Marty Watt)
 - 30) [21563] For Sale: 40M QRP transciever
by Glenn Swanson <gswanson@arrl.org>
 - 31) [21564] SST on 9V
by svecbrdk@well.com (L.Svec,W.Burdick)
 - 32) [21565] Re: SST on 10mtrs ???
by Rohn <rohn@pubrats.com>
 - 33) [21566] Re: Hamcom 3.1
by Bill Jones <kd7s@psnw.com>
 - 34) [21567] Re: Dave Mecham... where are you...???
by "David D. Meacham" <ddm@datatamers.com>
 - 35) [21568] SST Tuning Mod

by "David D. Meacham" <ddm@datatamers.com>
36) [21569] Re: SST Tuning Mod
by Bernie Doehner <bad@uhf.wireless.net>
37) [21570] SST Tuning Mod (Addition)
by "David D. Meacham" <ddm@datatamers.com>
38) [21571] Re: SST Tuning Mod
by "David D. Meacham" <ddm@datatamers.com>
39) [21572] Antenna files from the BARK packet BBS
by wb2vuo@juno.com (William K Hibbert)
40) [21573] unsubscribe, re-subscribe, postpone???HOW??
by zearwd@rockdal.aud.alcatel.com (W. Dennis Zeares)
41) [21574] SST MODS
by adams@chuck.dallas.sgi.com (Chuck Adams)
42) [21575] FT-840 station FS (in a month or so due to illness) any interest?
by zearwd@rockdal.aud.alcatel.com (W. Dennis Zeares)
43) [21576] IOTA Web site? GI/EI7NET
by rerobins@unccvm.uncc.edu (Rick Robinson)
44) [21577] Re: SST Tuning Mod
by Bernie Doehner <bad@uhf.wireless.net>
45) [21578] Re: unsubscribe, re-subscribe, postpone???HOW??
by Steve Hideg <Steve.Hideg.1@nd.edu>
46) [21579] SST Lab Tests #1 de NA5N
by Paul Harden <pharden@aoc.nrao.edu>
47) [21580] Re: [TenTec] TenTec Scout
by "W. D. Lindsey" <70511.3041@CompuServe.COM>
48) [21581] Great Circle program: any beta testers around?
by Ronald McConnell <rcmcc@lucent.com>
49) [21582] Re: Environtronic Inc.
by Peter Chow <pchow@cisco.com>
50) [21583] Phased SLV/W6MMA's ???
by "W. D. Lindsey" <70511.3041@CompuServe.COM>
51) [21584] Michigan Sprint
by mark.milburn@arbbs.com (Mark)
52) [21585] Re: SST Lab Tests #1 de NA5N
by adams@chuck.dallas.sgi.com (Chuck Adams)
53) [21586] Norcal 40a in assembly phase
by John Evans - N3Q00 <jae@codenet.net>
54) [21587] Re: NA5N
by adams@chuck.dallas.sgi.com (Chuck Adams)
55) [21588] Wanted: North Boston area surplus stores
by jeverhar@camden.lmco.com
56) [21589] Re: NA5N
by jeverhar@camden.lmco.com
57) [21590] Re: Hamcom 3.1
by AA0QX <AA0QX@prodigy.net>
58) [21591] Re: NA5N
by adams@chuck.dallas.sgi.com (Chuck Adams)
59) [21592] Re: Hamcom 3.1

by AA0QX <AA0QX@prodigy.net>
60) [21593] Re: loop skywalker
by "Bob Duckworth" <wb4mnf@atl.org>
61) [21594] Re: TVI/RFI and indoor antennas
by Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
62) [21595] BANDS OPEN
by "KA5T Larry Wise" <lewise@inetport.com>
63) [21596] Re: TVI/RFI and indoor antennas
by Monte Stark <ku7y@sage.dri.edu>
64) [21597] Re: NA5N
by "Phil, K6LS" <k6ls@qsl.net>

Date: Tue, 17 Jun 1997 17:18:05 -0500 (CDT)
From: Rohn <rohn@pubrats.com>
To: n4js@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21534] RE: WBL Designs V22
Message-ID: <Pine.LNX.3.96.970617171528.3406B-100000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 17 Jun 1997 n4js@amsat.org wrote:

> I had ordered one about 6 weeks ago. He said it would be about 5 weeks. Wonder
> when you ordered yours?

Hmmmm, I forget exactly when I ordered it but it did take about 6 or 7 weeks to arrive (worth the PAINFUL wait <g>)... it was about a day after it was last mentioned on the list. Out of despair I called to see if I had been forgotten - he's just overwhelmed with orders! (a positive thing in my book).

Oh, btw, I got s/n 10!

Date: Tue, 17 Jun 1997 17:28:03 -0500 (CDT)
From: Rohn <rohn@pubrats.com>
To: qrp-l@Lehigh.EDU
Subject: [21535] Re: 38s Digital Display *AND* 24hr CLOCK!
Message-ID: <Pine.LNX.3.96.970617172553.3406F-100000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks to all that pointed me toward the web page... very interesting indeed :) Has anyone tried this in the 38s or another rig? Aside from the clock feature (a nice bonus) how does it compare to Neil's (Almost All Digital Electronics)?

73's
Rohn (NØRTX)

Date: Tue, 17 Jun 1997 19:33:00 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: qrp-l@Lehigh.EDU
Subject: [21536] Intelli xcvr EPROM
Message-ID: <Pine.GS0.3.96.970617193034.24530L-100000@xena.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well I found my way through the maze at the ARRL website and found the hex code for use with an EPROM burner. If anyone needs the code to burn EPROMS for the Intelligent transceiver project; I can forward the file to you.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Tue, 17 Jun 97 18:37:00 -0500
From: Larry Trullinger <kb0emb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21537] Re: Freq Change:50/40/30 Calif. THURSDAY, 6/19
Message-ID: <199706172334.SAA27145@SWBELL.net>

-- [From: Larry Trullinger * EMC.Ver #2.5.02] --

Ed, the change sounds great !

Have yet to work the west, so will look forward to the possibility. I am glad that you include the Novice/Tech in these events. Definitely adds to the excitement of QRP. I also enjoy listening on the other freqs. building the code speed, but seem to be stuck at 10 WPM.

72/73 Larry KB0EMB

>NEW SCHEDULE TO INCLUDE NOVICE/TECH on 40 Meters!!!

>1700-1900 PDT (LOCAL Thursday) (0000-0200Z Friday) 7.112 +/- ON MY HW-8
>rig with about 2 Watts.

Date: Tue, 17 Jun 1997 19:37:13 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: Rohn <rohn@pubrats.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21538] Re: 38s Digital Display *AND* 24hr CLOCK!
Message-ID: <Pine.GS0.3.96.970617193419.24530M-100000@xena.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Has anyone tried this in the 38s or another rig?

I ordered one as soon as they were listed on the website.
Should have it soon. I will be trying it in a homebrew rig.
These are neat times in Ham radio :-)

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Tue, 17 Jun 1997 23:41:40 +0000

From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU, ddm@datatamers.com
Subject: [21539] Dave Mecham... where are you...???
Message-ID: <19970617234138.AAA7717@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm sending this to Dave direct & via list as I've sent two msgs directly and he's sent notes wondering why I'm not responding. (!?!?) Dave
I have no clue as to why you aren't getting my responses. Bottom Line:

I did work W6WOW on both 30 and 40; possible double w/you as I have a fragment of your call about that time in my written (scribbled) log.
Sorry for the difficulties, both on the air and the net. 72 =s=

"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

Date: Tue, 17 Jun 1997 20:37:20 -0400 (EDT)
From: MSU1972@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21540] more comments from qrp friends
Message-ID: <970617203636_1309538948@emout09.mail.aol.com>

Since I received such great input and advice on my keyer question I decided to pose another...
If I'm going to choose between a 20 meter and 40 meter radio for qrp work...which band would you choose if you could only choose one (for example, between a 9420 and 9440 which does qrp ssb and cw).
The more comments...the better...
All welcome to respond...
david, kb8occ

Date: Tue, 17 Jun 1997 20:39:54 EDT
From: n4so@juno.com
To: QRP-L@Lehigh.EDU
Subject: [21541] ITU Callsigns List
Message-ID: <19970617.203528.5215.4.N4S0@juno.com>

Table of Allocation of International Call Sign Series

Available from: info@arrl.org

filename: ITUCALLS.TXT

Use the command:

send ITUCALLS.TXT

Ken Brown , N4SO

QTH: Nr Mobile, AL

QRP-L #622

n4so@juno.com

Date: Tue, 17 Jun 1997 22:11:02 -0300

From: Dave Marling <dbm@klis.com>

To: qrp-l@Lehigh.EDU

Subject: [21542] Re: loop skywires

Message-ID: <2.2.32.19970618011102.006ba78c@klis.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>To all of you who are using "loop skywire" type antennas, (large,
>horizontal loop users) --

>

>Are you satisfied with the DX performance or is it only being used for
>local contacts?

>

>I've had one for a couple of years fed with ladder line and find it to be a
>good antenna for local contacts, but not very good for DX.

>

>Others?

>

> =====

> 73 de Bob, W3CW

> New Hope Pennsylvania

> =====

> fists #2491

> qrp-arc1 #8700

> qrp-l #450

> =====

>

I have been using an 80M full wave horizontal loop for a couple of year now. Previous to that I was the antennas were a 500 foot longwire and a homebrew 33 ft. base loaded vertical. My primary communications concern was a Saturday morning 80M SSB net covering the northeast U.S.

My noise level being S1 or less (country living at its best!) I found I could copy most stations about 75% of the time on the longwire (40 ft. above ground level).

Changing to the loop (again at the 40 ft. level) improved reception to the point where I can now consistantly hear all net stations 95% of the time.

The loop is actually more of a square with one corner and feedline attached to the rear of the barn. The other three corners are held up by ropes over convenient trees. Rather than springs I use three foot long elastic shock cord with hooks. One hook goes thru a hole in an insulator while the other connects to the support rope. It has survived several hurricanes and high winds.

I originally fed the loop with RG59 but have since changed it to RG213 (no real reason other than lower loss). For off-resonance use, I use an AEA tuner.

The antenna "wire" is an electric fence material made up of nylon cord with interwoven stainless steel conductors. These are three in number and about #26-28 in size. It is light in weight and inexpensive.

I have only used it for 80 and 40 so can't say anything pro or con about other bands. A friend (KD1WZ) in CT. uses his both for 80 general use and higher band DX (with a tuner) and has had very good results for all.

When the time, weather and flies co-operate, I plan to enlarge it to a double size loop for 80, fed with the same RG213 coax and a 4:1 balun.

73,
Dave VE1VQ

dbm@klis.com

Understand the problem before you attempt the solution.

Date: Tue, 17 Jun 1997 21:15:18 -0700
From: Harry Bump <bump@redrose.net>

To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [21543] Cascade (troubles are over..... at least for now)
Message-ID: <33A760D6.2E37@redrose.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey Guys,

Awaiting me this evening with the evening's mail was an envelope that contained the crystal I had ordered. Fired up the iron, removed the 9.000 MHz BFO crystal, and soldered in the 9.007 MHz replacement, and

It works!

Been listening to SSB signals on both 20m and 75m all evening. Was going to continue working but instead unplugged the iron and just sat in the shack listening! Hope the rest of the project goes as well; now all I need is a little time (hey, I AM on vacation next week)!

73,

Harry Bump, KM3D

Contest shareware author (DOS) PA1200m: PA QSO Party
CA1200m: Calif QSO Party
(available on ARRL MI1200m: Mich QSO Party
page and others or FD1200m: Fieldday
direct) CWI: PC CW keyboard

OUTLAW WIRELESS LEAGUE (1996 PA QSO Party Small Club Gavel)
QRP-ARC #3875 - - - - - NORCAL #1295 - - - - - QRP-L #637

Date: Tue, 17 Jun 1997 21:36:32 -0400
From: wb8ygg@juno.com (Bradley S. Mitchell)
To: qrp-l@Lehigh.EDU
Subject: [21544] As I was surfing.. I found kits.
Message-ID: <19970617.213633.10854.0.WB8YGG@juno.com>

<http://www.xtronics.com/kits.htm>

I don't know a thing about these, but it was interesting
to find for sure!

Have fun es 73 Brad WB8YGG

Date: Tue, 17 Jun 1997 21:45:11 -0400
From: Michael <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [21545] Re: QRP DX
Message-ID: <33A73DA7.3EF7@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K4NK@aol.com wrote:

>
> QRP-Lers;
>
> Even though the propagational index's are saying ..BLAH. I have been
> able to work CU2 ,IK5 ,EA8 ,CT1 ,and G3 all TWO-WAY QRP this weekend. Rig
> TTargonaut 509 4watts 3 El. Telex. 20 meters around 14.060 22:00z
> -01:00z
>
>
> 72 Les K4NK

I find that the propagation predictions are only part of the story.
With lots of sunspots and great propagation I have to deal with
crowded bands and lots of noise.
Often when conditions are not as good, although signals are weaker,
noise is also lower.
I have worked many stations on 10 meters when the band was "dead".
I would hear stations clearly with armchair copy even though they
didn't even move the S-meter.

Almost any band, at almost anytime, is open to 'somewhere'.

'Dead' bands can be a lot of fun.

michael N6CHV

Date: Tue, 17 Jun 1997 20:15:26 -0700

From: "Phil, K6LS" <k6ls@qsl.net>
To: qrp-1@Lehigh.EDU
Cc: vhf@w6yx.stanford.edu
Subject: [21546] License renewal (amateur radio)
Message-ID: <33A744BE.1265@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There was question about renewals, well I would like to pass along that when I sent in my 610 form for an address change, I also checked the renewal box.

Well, by looking up my call in QRZ (<http://www.qrz.com>) today that the FCC has updated my address and RENEWED my license for another 10 yrs!! I guess that if you got other bussiness to take care of, they will renew at that time too. (all that, and in a timely manner!)

fyi,

--

73 de Phil, K6LS/0
k6ls@qsl.net <or> k6ls@amsat.org
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
<http://www.qsl.net/k6ls>

Date: Tue, 17 Jun 1997 21:38:20 -0500
From: Walter Dufraim <dufraim@gte.net>
To: bobh@p3.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21547] Re: loop skywires
Message-ID: <33A74A1C.7A7A@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Hirsch wrote:

>

> To all of you who are using "loop skywire" type antennas, (large,
> horizontal loop users) --

>

> Are you satisfied with the DX performance or is it only being used for
> local contacts?

>

> I've had one for a couple of years fed with ladder line and find it to be a

> good antenna for local contacts, but not very good for DX.

>

> Others?

>

> =====

> 73 de Bob, W3CW

> New Hope Pennsylvania

>Hi Bob and all,The large loops have been great for many years. I prefer to use at least a 160 mtr or a double 160 mtr loop if going for dx, since my loops are between 20 to 30 feet high, the larger size is needed for the long haul. Normally operating 40 mtrs and above is a real pleasure with the big loops. However, they are certainly real estate intensive, but thats not a problem here.

Try tilting your loop with the base extended toward your dx direction, that lowers the take-off and its worth the time.

Grounding is the most important thing to me if using a large loop, the lightning/storms out 20 plus miles can produce large static discharges in the shack. Grounding the 4:1 balun (outside) has been almost the best, however, a ground rod connected directly across the loop from the feed point is efficient and doesnt seem to change the freq or the loop pattern.

Hope you have fun with the loop 73/72 de Walter AG5P

Date: Tue, 17 Jun 1997 21:28:56 -0600

From: Jess Gypin <jessqrp@concentric.net>

To: n4js@amsat.org

Cc: qrp-l@Lehigh.EDU

Subject: [21548] Re: Portable Paddle

Message-ID: <33A755F8.4D05@concentric.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

n4js@amsat.org wrote:

>

> To all that asked,

>

> Boyd is a retired guy, who makes these keys as "a labor of love." He doesn't

> take plastic. Jess, K0TFI's home page is where I first heard about them. The

> URL is <http://www.concentric.net/~Jessqrp>. Jess has 6 pictures of the key, as

> well as ordering info.

>

airwaves and your abilities so please stop by for a visit and really test your skills.

If you can stop by in person, please do and enjoy the simple meals we are planning. There should be some fresh Salmon flown in from the North West and some nice Maine lobsters being flown in also. Rich, the CQC president, will be custom cooking to your order so don't be afraid to ask for what you want. Al, has offered to supply our needs from his private wine cellar and Marshall and Dick have been working on some special brews just for the event.

So please stop by and enjoy the event.

de KBØROL, Brad

Date: Wed, 18 Jun 1997 01:19:29 -0400 (EDT)
From: WD6BOR@aol.com
To: svecbrdk@well.com, qrp-1@Lehigh.EDU
Subject: [21550] Re: SST Field-Test notes From the Wilderness Engineering Lab
Message-ID: <970618011927_781538347@emout20.mail.aol.com>

In a message dated 97-06-17 18:32:33 EDT, svecbrdk@well.com writes:

<< Early results suggest that the VX0 range on the 20m SST is lower on production units than on my original prototype. I'm still looking into this. Meanwhile, you can reduce the size of the VX0 choke and move the range up, although this will decrease total range. >>

Wayne and the gang,

I did find the MVAM108 did put the VX0 range a little lower than the calling frequency but did give a nice 20 kHz or so of tuning. The MV...whatever brought the top of the tuning up to just below 14.060, so I've got that one in for right now. Wayne had a mod at the June Norcal meeting in which he used both varactor diodes with a spdt switch. That looked like a good way to get all the range you might want with the high maximum capacitance of the MVAM108 and the low minimum capacitance of the MV 209 so that will be one of the mods I make when I start putting "extras" into an already great little radio. The SST and SLV will be going with me to the Valley of the Moon ARC meeting tomorrow night and hopefully we can make a contact or two before the meeting.

Thanks Wayne for another sleep-robbing but very enjoyable project.

Darrel, WD6BOR

(And the holes look better than the ones I usually drill in my enclosures!)

Date: Wed, 18 Jun 1997 02:59:15 -0400 (EDT)
From: Wayneb1103@aol.com
To: qrp-1@Lehigh.EDU
Subject: [21551] pixy
Message-ID: <970618025914_1688476942@emout10.mail.aol.com>

Could someone pass along the circuit theory for the pixy, particularly in the rcv. mode, specifically the RF amp. In rcv is this transistor acting as a mixer AND detector? If so how so?

Thanks

Wayne WB7WHI
Spokane, Wa.

Date: Wed, 18 Jun 1997 07:22:30 -0400 (EDT)
From: "Robert D. Haslach" <rhaslach@CapAccess.org>
To: qrp-1@Lehigh.EDU
Subject: [21552] Loops and DX
Message-ID: <Pine.SUN.3.91-FP.970618071412.17316A-100000@cap1.capaccess.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Couldn't help jumping in on the current thread. I have both a vertical and a 40m horz loop here in the city. The loop is fed with 52 ohm coax, using a 72 ohm section between the loop and the 52 ohm to bring the characteristics in line more or less. I work Cuba in the morning with no problem on the loop but can't work them very well on the vertical. The typical 40m coverage for me is Texas, Louisiana, Arkansas and a few dribbles out to Michigan and sometimes Wisconsin. Florida no problem. ... all on the horz loop up about the level of the 2nd story roof (40'??) The BEST loop I had was also here in the city - a vert 15m loop fed at the lower corner. That sucker (in the last part of the previous good sunspot cycle) worked me all of Poland and Yugoslavia (must have been a hot node toward Yugo!)

So, I say, loop it, in any direction, especially since the loop is VERY QUIET! and ignores all the bad power company pole transformers and general crud you get here in the city.

Regards, N3FRT, Washington DC
Robert D. Haslach
Bye

Date: Wed, 18 Jun 1997 07:42:52 EDT
From: wa5whn@juno.com (Jay D Miller)
To: qrp-1@Lehigh.EDU
Subject: [21553] Field Day (DM66na)/Special Event Stn (DM73iv)
Message-ID: <19970618.054733.4503.1.wa5whn@juno.com>

QRP-Lers,

Count us in for the ARRL Field Day event , June 28th & 29th . W5BI (callsign) from grid square: DM66na on 6 - 80 meters.

July 3 - 5, Special Event Stn from grid square DM73iv, details at the following URL;

<http://www.flash.net/~w5bi/page5.html>

72...Jay, WA5WHN DM65qd

Date: Wed, 18 Jun 1997 08:19:52 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: qrp-1@Lehigh.EDU
Subject: [21554] RE: loop skywalker
Message-ID: <Pine.GS0.3.96.970618081742.14310A-1000000@joxer.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What height are people placing the loops? I am trying to figure out what types of antennas fit on my postage stamp property.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Wed, 18 Jun 97 09:19:45 EDT
From: "L. Mark Pilant - MS:ZK03-4/Y02 DTN:381-1529" <pilant@seesaw.ENABLE.dec.com>
To: qrp-l@Lehigh.EDU
Cc: pilant@seesaw.ENABLE.dec.com
Subject: [21555] RE: QEX, info, etc. (was Re: Index labs service, etc.)
Message-ID: <9706181319.AA15552@us2rmc.zko.dec.com>

As a QEX subscriber, I received a letter last week explaining what was going on with QEX. The basic problems were loss of staffing and a shortage of material. The letter indicated the problems had been addressed, and (as previously indicated) publication would resume with the July QEX.

73

- Mark N1VQW

Date: Wed, 18 Jun 1997 08:31:59 -0500
From: "ukii" <ukii@megsinet.net>
To: <wb8ygg@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21556] Re: As I was surfing.. I found kits.
Message-ID: <m0weKsW-003ttyC@megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello Gang.

WOW!

If you go to the URL, look down on the first page. Seems they have very good (Xcelite) flush cutters for 3.75!

I might be nuts, but I think I paid 14 bucks for the same ones!

Anywho...

Thanks Bradley for the tip...

73 de john
n9ukx

> <http://www.xtronics.com/kits.htm>
>

Date: 18 Jun 97 09:41:49 EDT
From: Peter Zenker <100743.3320@CompuServe.COM>
To: QRP-L Posting <qrp-l@Lehigh.EDU>
Subject: [21557] Wanted:circuit for 2m CW simple txvr
Message-ID: <970618134148_100743.3320_EHV74-1@CompuServe.COM>

Hello dear QRP fellows,

the very young DL-QRP-AG (activity group for QRP and homebrewing) was founded in May, and has nearby 200 members until today ;-))) At 27th of July we will have the first issue of QRP-Report, the first German language QRP and Hombrewers magazin. For one of the next issues we plan as a project a 2 meter txvr kit. In Germany we have a so called C-class licence, containing all rights on 144 MHz and above in SSV / FM and since 2 or three years also CW around 144.150. To activate this area and to help these C-Class hams getting a taste of CW we plan to organize a simple 2m CW portable txvr as a kit. Is there anyone on the list who can help with an allready constructed circuit ? It should be as simple as possible (if a portabel for 144 can be simple ?? I am an real ShortWave freak, my knowledge about 2meter is simple zero).

Please send personal mail because i get the digest only, want miss any posting.

73 / 72 de Peter, DL2FI
DL-QRP-AG
G-QRP-C
ARS

!^NavFont02F03170006IGHHJ_1A1D

E-mail von: Peter Zenker, 18-Jun-1997

Date: Wed, 18 Jun 1997 08:58:59 -0500
From: jim hale <kj5tf@mctc.com>
To: qrp-l@Lehigh.EDU

Subject: [21558] Enviortronics Iambic Paddles
Message-ID: <33A7E9A3.4F14@mctc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I saw some discussion here abt paddles, so will throw in my .01c worth.
I've never used any other paddles b4, but I just recieved my 1st iambic
paddle from Enviortronics.
I have the low budget model 501F, for abt \$50. bux -
I'm very happy with it - it looks and feels solid.
For portable/mobile ops I take along my litle red key from Whiterook.
This new paddle looks rugged enuf to take to the field. But I'll use it
in the shack for awhile to be sure.

I get no kickback from anyone for posting this.

Good QRP'ing de Jim

Date: Wed, 18 Jun 1997 10:03:48 -0400
From: jim <kw3u@warwick.net>
To: qrp-1@Lehigh.EDU
Subject: [21559] selling my argo 505
Message-ID: <33A7EAC4.330E@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang;

I've decided to part with my argonaut 505 and just run
the hw-8 along with the OHR rigs, so I'll try to
describe it. excellant working, was realigned, rebuilt PTO,
and new dial cord installed bout 6 or 8 months back by
Ten-Tec.

There are two small screw holes(hardly noticable) on the
left panel(side, not front) otherwise very good looking, I would
say a 8 to 9 IMHO.

I also have a copy of the manual, and a copy of a
original advertisement for it.

The tuff part! Not sure of going price, so I would like to
post it as best offer over \$200 and I will hold replies so
digest folks have a chance to respond. Please e-mail direct.

Tnx Jim KW3U
Matamoras,Pa.(named after Matamoros,Mexico)

Date: Wed, 18 Jun 1997 08:14:03 -0600
From: ji3m@maxwell.com (James R. Duffey)
To: Martin Squicciarini <skitch@resuba.com>
Cc: qrp-1@Lehigh.EDU
Subject: [21560] Delta Loop
Message-ID: <v02130500afcd956a7718@[192.31.66.229]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Marty - I read your loop post and thought I could help you out;

'My loop will be about 210 ft and triangular in shape.'

"I would have like to have it cut for 80 meters but just not long enough."

It is long enough. 210 feet in circumference will yield a three quarter wavelength loop on 80 M. This will have an acceptably high resistive component of impedance of around 50 Ohms or so on 80M, but there will be some reactive component. You should get a purely resistive feed point at the end of about an eighth wavelength, 35 feet or so, of balanced line attached to the loop. The entire length of wire in the loop and balanced feed line should be about a wavelength at the operating frequency of choice. By arranging to switch in another smaller length of balanced line, say 5 to 10 feet or so, you should be able to cover the whole band with a SWR acceptable to modern transmitters.

This will also yield a loop a wavelength and a half at 40 M and roughly the same amount of feed line will give a resistive feedpoint on 40 M. It will be higher on 40 M than 80 M, over 100 Ohms. You can feed it at the end of the balanced line with a quarter wave transformer on 40M consisting of 75 Ohm coax which will also give a reasonable SWR match to modern transmitters. Remember the velocity factor. You can probably leave the transformer in place on 80M with few ill effects.

I use such a set up on 40/30/20. There is about 100 ft in the loop which is fed with 20 feet of balanced line. This is fed with a quarter wave transformer on 20M. ON 40 M and 20M I leave the transformer in place. On 30M I feed it directly as it is a full wavelength loop on that band. The loop also loads well as is on the higher conventional bands, 15 M and 10M, and by increasing the length of the feed line by 15 feet I get a reasonably good match on 17M and 12M. The antenna is really too large for the bands 15 M and higher as there is considerable pattern breakup and undesirable (for DX) high angle radiation.

I first came across this idea in an old Ham Radio magazine where it was presented by W6TC.

You should check out L. B. Cebik's web site as he has an excellent discussion of loops posted there. Also Cecil Moore, W6RCA, has done similar work on feeding dipoles and has posted his results on his web page. You should check that out as well.

You may wish to spend some time with an antenna modeling program and a Smith Chart to work things out to better accuracy than I have in the above.

You can also tie the feed line ends together and feed the antenna against elevated radials for a vertical on 80M and 160M.

Loops are versatile antennas.

Let us know how things turn out. - Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Wed, 18 Jun 1997 09:20:12 -0500
From: AA0QX <AA0QX@prodigy.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [21561] Hamcom 3.1
Message-ID: <33A7EE9C.14D3@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I downloaded a copy of this program and when I decompressed it it would not load. I need to try again, but I can't remember the site I downloaded it from.

I looked at TAPR. They have Hamcom 3.0 but not 3.1. Any ideas?

Thanks,

72 de Austin aa0qx

Date: Wed, 18 Jun 1997 14:26:27 GMT
From: mdwatt@usit.net (Marty Watt)
To: qrp-1@Lehigh.EDU
Subject: [21562] (fwd) [TenTec] Rumor...not
Message-ID: <33a8edff.41972998@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I forward this in it's entirety, for the edification of those interested:

On Wed, 18 Jun 1997 07:12:10 Eastern Daylight Time, "Ten-Tec, Inc." <sales@tentec.com> wrote:

=20

KM7W writes:

>I seem to recall a message that came across the ten-tec list
>indicating production of the Argo 556 had ceased last week. I'm
>cross posting to ten-tec list to see what they say.

The Argo 556 has been discontinued from production as of earlier this month. We will be focusing our QRP efforts in the direction of kits for the immediate future, though we have no new QRP kits (aside from what is already available) from us in the works for the next few months. Ten-Tec has a long tradition of offering QRP items and we expect to continue that in the future.=20

The Scout 555, though, is a different matter. This is one of the most popular transceivers Ten-Tec has ever built and we will continue building it and all accessories for some time to come. We have no plans to discontinue it at any time in the foreseeable future.

We have a few leftover demo units of the Argo 556 available, but all new inventory has been sold.=20

=20

Thanks very much for supporting Ten-Tec and as usual your comments by e-mail or telephone are welcomed. =20

73

Scott Robbins, W4PA

Amateur Radio Sales, Ten-Tec, Inc.

=20

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=46AQ on WWW: <http://www.contesting.com/tentecfaq.htm>
Submissions: tentec@contesting.com
Administrative requests: tentec-REQUEST@contesting.com
Problems: owner-tentec@contesting.com
Search: <http://www.contesting.com/km9p/search.htm>

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

-----  
Date: Wed, 18 Jun 1997 11:00:54 -0400  
From: Glenn Swanson <[gswanson@arrl.org](mailto:gswanson@arrl.org)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [21563] For Sale: 40M QRP transciever  
Message-ID: <[33A7F826.3926@arrl.org](mailto:33A7F826.3926@arrl.org)>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings,

Selling my (built and tested) SW-40 (aka NN1G 40-40).  
Installed in a low-profile black-plastic case, w/Tick-1  
keyer (keyer sidetone injected into receive chain).  
Have the NN1G RIT mod installed and working as well.  
Works perfectly, tunes abt 60 KHz of 40M. Includes  
two spare finals and a (wall-cube-type) power supply.  
Has a 10-turn tuning pot with a locking turns counter.  
Several mods from "QRP Power" article have been built in.

Tuning chart, front-panel guide, rear-panel I/O chart are on rig.  
All original instructions (w/Tick-1 and RIT mod) included. Bonus:  
Will toss in my personal copy of "QRP Power" at no extra charge.



Asking \$110, UPS shipping/insurance included, anywhere in CONUS.

Contact: Glenn, KB1GW  
tel: 860-594-0267  
e-mail: kb1gw@arrl.org  
(9 AM 'til 5 PM Eastern)

-----  
Date: Wed, 18 Jun 1997 09:02:33 -0800  
From: svecbrdk@well.com (L.Svec,W.Burdick)  
To: "Bob Follett" <bfollett@ditell.com>  
Cc: qrp-1@Lehigh.EDU  
Subject: [21564] SST on 9V  
Message-ID: <199706181601.JAA26300@smtp.well.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Bob, as I suspected the 9V lithium isn't suited to more than about 0.5W out, max. But despite the battery voltage dropping to 7.5V at this level, the battery will support that voltage for a long time due to its high energy density.

As I stated in the manual, you must change to a lower-voltage regulator. You should use an LM2931CT adjustable low-dropout regulator with resistors chosen for an output of 7V, exactly. This particular regulator has extremely low dropout (probably less than 100mV at the currents involved!) At 7V you won't lose much VX0 range. To reclaim what little you do lose, add in the two-position switch and both varactors as mentioned in the manual.

The LM2931CT is not a drop-in for the LM78L08; it's a five-pin T0220, so it won't look all that pretty. If you can find a 6V or 7V low-dropout fixed regulator, use that instead!

Another possibility: use an LM2931Z-5.0, which is a fixed, low-dropout 5V regulator, but bias up the ground pin with a resistive divider or a few diode drops. This won't be as temperature stable as the other methods, but it will look better since you'll still have a T0-92 package. The diodes or resistors can be mounted on the bottom of the board.

73,  
Wayne

-----  
Date: Wed, 18 Jun 1997 11:07:15 -0500  
From: Rohn <rohn@pubrats.com>  
To: qrp-1@Lehigh.EDU  
Subject: [21565] Re: SST on 10mtrs ???  
Message-ID: <3.0.32.19970618110658.00778684@205.198.125.123>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ukii@Megsinet.Net wrote:

>I have been searching for a 10 meter qrp/cw rig for a while now with no  
>luck.

What about a six meter version of the above? I've got a couple of No-Code  
Tech friends studying the code and I'm sure something like this would build  
their confidence in upgrading! (of course, I'm interested for myself, too  
<g>)

72's

Rohn Blake NORTX

+-----+  
| Twin Cities Repeater Club(147.21+), ARRL, NorCal, QRP-L, Skywarn and MORE! |  
+-----+

-----  
Date: Wed, 18 Jun 1997 09:18:06 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-1@Lehigh.EDU  
Subject: [21566] Re: Hamcom 3.1  
Message-ID: <33A80A3E.1D63@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Friends,

For those looking at HamComm 3.1, take a look at the following URL. You  
can download the program here. In addition, you will find a wealth of  
good information on using HamComm.

<http://www.accessone.com:80/~tmayhan/index.htm>

AA0QX wrote:

>

> I downloaded a copy of this program and when I decompressed it it would  
> not load. I need to try again, but I can't remember the site I  
> downloaded it from.

-----  
Date: Wed, 18 Jun 1997 09:48:17 -0700 (PDT)  
From: "David D. Meacham" <ddm@datatamers.com>  
To: SEAB&SHARON LYON <SSLYON@worldnet.att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [21567] Re: Dave Mecham... where are you...???  
Message-ID: <Pine.LNX.3.91.970618094648.7579C-100000@dt1.datatamers.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Seab, OK, fine business. I'm right here where I've always been! Don't  
know why E-mail doesn't work.

72, Dave, W6EMD

-----  
Date: Wed, 18 Jun 1997 10:04:30 -0700 (PDT)  
From: "David D. Meacham" <ddm@datatamers.com>  
To: qrp-l@Lehigh.EDU  
Subject: [21568] SST Tuning Mod  
Message-ID: <Pine.LNX.3.91.970618095715.7679A-100000@dt1.datatamers.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

To make a dramatic improvement in tuning linearity connect a 15k resistor  
from the arm of the tuning pot to the +8V terminal. I put mine under the  
board right across the appropriate pads of the pot terminals (center to  
outside pads).

72, Dave, W6EMD

-----  
Date: Wed, 18 Jun 1997 13:10:32 -0400 (EDT)

From: Bernie Doehner <bad@uhf.wireless.net>  
To: "David D. Meacham" <ddm@datatamers.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [21569] Re: SST Tuning Mod  
Message-ID: <Pine.BSF.3.95.970618131005.17230A-100000@uhf.wdc.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Jun 1997, David D. Meacham wrote:

> Gang,  
> To make a dramatic improvement in tuning linearity connect a 15k resistor  
> from the arm of the tuning pot to the +8V terminal. I put mine under the  
> board right across the appropriate pads of the pot terminals (center to  
> outside pads).  
> 72, Dave, W6EMD  
>

What band? And what did this do to your tuning range?

73

Bernie  
NU1S

-----  
Date: Wed, 18 Jun 1997 10:09:35 -0700 (PDT)  
From: "David D. Meacham" <ddm@datatamers.com>  
To: qrp-1@Lehigh.EDU  
Subject: [21570] SST Tuning Mod (Addition)  
Message-ID: <Pine.LNX.3.91.970618100709.7679B-100000@dt1.datatamers.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
To make a dramatic improvement in tuning linearity connect a 15k resistor  
from the arm of the tuning pot to the +8V terminal. I put mine under the  
board right across the appropriate pads of the pot terminals (center to  
outside pads). I'm using the MV-209 in a 20m SST.  
72, Dave, W6EMD

-----  
Date: Wed, 18 Jun 1997 10:17:19 -0700 (PDT)  
From: "David D. Meacham" <ddm@datatamers.com>  
To: Bernie Doehner <bad@uhf.wireless.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [21571] Re: SST Tuning Mod  
Message-ID: <Pine.LNX.3.91.970618101408.7679D-100000@dt1.datatamers.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bernie & All,  
My mod does not change the tuning range, just the linearity of the dial.  
I'm using the MV-209 on 20m with a 5.6uH choke to get up to 14.062MHz.  
72, Dave, W6EMD

-----  
Date: Wed, 18 Jun 1997 13:19:45 EDT  
From: wb2vuo@juno.com (William K Hibbert)  
To: qrp-1@Lehigh.EDU  
Subject: [21572] Antenna files from the BARK packet BBS  
Message-ID: <19970618.131854.2063.1.wb2vuo@juno.com>

I am the SYSOP for a small packet BBS, which I have been running  
for the local Klub, the Brockport Amateur Radio Klub, Brockport,  
NY.

Over the last couple of years, I have collected a few files on  
antennas (antennae?), and have them here in the computer. All  
told, it's about 100K of text files, and covers antenna designs  
from dipoles to delta loops and a lot inbetween.

Here's a list of what I have:

|              |                                            |
|--------------|--------------------------------------------|
| 2el_yagi.txt | 2-element yagis for HF - VHF               |
| 6rca_lup.txt | W6RCA's multiband delta loop               |
| cu_jpole.txt | J-Pole made from copper tubing             |
| edz.txt      | Extended Double-Zepps                      |
| fd_ants.txt  | Field Day antennas                         |
| g5rv_1.txt   | The G5RV antenna, a historical perspective |
| g5rv_1.txt   | in 5 parts. From the ARRL "Antenna         |

g5rv\_3.txt      Compendium", and other sources.    Annotated  
 g5rv\_4.txt      and credited.  
 g5rv\_5.txt  
 g5rvideoa.txt    Half-scale and double-scale versions  
 harmonic.txt    Multiband dipoles/inverted-vees  
 impruve.txt    Twinlead J-Poles with or without Radomes  
 inv\_el.txt      Inverted-L antennas  
 inv-wye.txt    3-wire ground planes  
 jpole440.txt    J-Pole for UHF  
 longwire.txt    Multi-band Off-Center fed wires  
 looper.txt      Delta loops up to 2 Meters  
 portmast.txt    Collapsible paint roller pole mast  
 ppm.txt        A PVC Portable Mast (30 ft)  
 recloop.txt    Rectangular loops by W6RCA  
 skyloop.txt    Loop Skywalker for 160 - 40 M  
 sq\_pole.txt    A limited-space dipole, like an HF Squalo  
 termvee.txt    A big, multiband Vee for FD  
 w6rca\_lp.txt    More ideas from Cecil  
 wire\_j.txt      Twinlead J-poles for VHF

Kinda large to post to the list in a lump, and too big to send all at once with Juno, but I will forward any that might interest someone.

Drop me a line if something catches your fancy.

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP  
 Tech Specialist (ARRL/WNY), ARRL Life Member,  
 Trustee, NQ2RP/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)  
 "In the Depths of the Great Bergen (NY) Swamp...FN13ac"  
 Packet - wb2vuo@w2im.#wny.ny.usa.noam \*\*\* Email - wb2vuo@juno.com  
 SnailMail - CBA \*\*\* Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

-----

Date: Wed, 18 Jun 97 12:36:41 CDT  
 From: zearwd@rockdal.aud.alcatel.com (W. Dennis Zeares)  
 To: qrp-l@Lehigh.EDU  
 Subject: [21573] unsubscribe, re-subscribe, postpone???HOW??  
 Message-ID: <9706181736.AA27543@aud.alcatel.com>

I need to unsubscribe from the work address  
 and re-subscribe from home and postpone etc.  
 but I forget how....

so Jim or Chuck if your out there, please advise.

need to do it a.s.a.p. due to illness.

Thanks, Dennis K3ETS

-----  
Date: Wed, 18 Jun 1997 18:41:05 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [21574] SST MODS  
Message-ID: <199706181741.SAA01446@chuck.dallas.sgi.com>

Gang,

OK, the fun has begun in earnest. Let the mods begin. :-) ;-)  
I think we gotta change the name of the group from qrp-1 to  
'The Mod Squad'. That's for those of you who watched TV back when.  
Has there been any rig, kit or otherwise, that this group has not  
had some mod for? :-)

How about postings related to the SST series have in the subject:

SST MODS 20M de your\_call  
SST MODS 40M de your\_call  
SST MODS 30M de your\_call

when you first come up with one? This will aid a whole bunch of  
people at one time. Those who want to put the subject in a kill file.  
And for those that have just an interest in a specific band, but  
mods will probably be apropos for each band. Start a numbering  
sequence if you come up with more than 1.

Several people can start collecting the mods and keep them in a file  
with dups, mailer overhead, and stuff removed to minimize disk space.  
Steve Hedig and some others can put up a web page with updates.  
Maybe Wilderness will come up with a page also. The mind boggles.

Hopefully with just a few guidelines this will maximize the useful  
information collected and prevent the confusion that could arise like  
the 38S and the numerous mods that occurred for it.

I have a prediction to make. Those of you with 30M and 20M versions.  
You have two to three days to get yours going. There will appear in

short order a couple of large spots on the surface of the sun or regions of solar activity that will raise the solar flux value from the low value of 70 that it is currently has been holding over the last few days to a week. The JAs were loud this a.m. before sunrise here in TX on 30M. That is not the indicator that I am using on the spots though. See the current H-Alpha images on the web and look at the top and bottom lefthand quadrants that are about to rotate into view.

<http://holly.cc.uleth.ca/solar/www/images.html>

should get you there and look at the latest

Mauna-Loa H-Alpha Full Disk and Limb images. I have a problem with the BBSO images not showing up correctly with Netscape 3.0.X on UNIX.

FYI and my \$0.02 worth

Chuck Adams K5FO CP-60 [adams@sgi.com](mailto:adams@sgi.com)

<http://reality.sgi.com/adams/>

WIMPS: Qs=037 30m=32 17m=5 12m=0 States=22/05/00 DX=03/00/00 QSLs=014

-----  
Date: Wed, 18 Jun 97 12:42:45 CDT

From: [zearwd@rockdal.aud.alcatel.com](mailto:zearwd@rockdal.aud.alcatel.com) (W. Dennis Zeares)

To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)

Subject: [21575] FT-840 station FS (in a month or so due to illness) any interest?

Message-ID: <9706181742.AA27878@aud.alcatel.com>

due to cancer I will be selling my station in a month or so.... just not sure when.

FT-840 with CW filter, and FM module

rig has been modified to operate MARS and CAP, etc.

MFJ 948 --good one with the large meter

DSP-9 with new firmware

WM-1 QRP wattmeter

MFJ Econo Keyer

Bencher paddle

and Drake MS-4 (?) speaker--great addition



I there is any interest in the complete QRP station, please contact me at: wzearres@post.smu.edu or direct by snail mail or call home at 972-248-9771

price negotiable and you pay shipping.

72/73 Dennis Zeares K3ETS Dallas, TX

PS: I will NOT be at this email address after Thursday.

-----  
Date: Wed, 18 Jun 1997 13:43:45 -0400  
From: rerobins@unccvm.uncc.edu (Rick Robinson)  
To: qrp-1@Lehigh.EDU  
Subject: [21576] IOTA Web site? GI/EI7NET  
Message-ID: <v02130504afc03262cc5b@[152.15.144.13]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I worked GI/EI7NET last Thursday on 30 meters. The QTH was given as IOTA EU122. Is there an IOTA Web site where I can find out where in N. Ireland EU122 is?

Anyone else work them or have any info re: this operation? This was my 5th QSO with my new Sierra.

Is there a web site with QSL bureaus listed? I also worked LZ1LZ last week on 30 with the Sierra and need the LZ bureau address.

72,

Rick kf4ar

WIMPS: Qs=008 30m=8 17m=0 12m=0 States=03/00/00 DX=04/00/00 QSLs=000  
QRP-ARCI #5553 qrp-1 # 402 10-X # 11068

-----  
Date: Wed, 18 Jun 1997 13:38:12 -0400 (EDT)  
From: Bernie Doehner <bad@uhf.wireless.net>  
To: "David D. Meacham" <ddm@datatamers.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [21577] Re: SST Tuning Mod  
Message-ID: <Pine.BSF.3.95.970618133656.23419A-1000000@uhf.wdc.net>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Jun 1997, David D. Meacham wrote:

> Bernie & All,  
> My mod does not change the tuning range, just the linearity of the dial.  
> I'm using the MV-209 on 20m with a 5.6uH choke to get up to 14.062MHz.  
> 72, Dave, W6EMD  
>

Not bad. Well I ordered a two extra MAV108's (I think) so I can play with the range a bit (although mine is a SST-30). But first I have to find a replacement floppy drive for my laptop (so I can clear my workbench).

Bernie

-----  
Date: Wed, 18 Jun 1997 13:05:39 -0500  
From: Steve Hideg <Steve.Hideg.1@nd.edu>  
To: zearwd@rockdal.aud.alcatel.com, qrp-1@Lehigh.EDU  
Subject: [21578] Re: unsubscribe, re-subscribe, postpone???HOW??  
Message-ID: <v03102800afcd3c60020@[129.74.35.26]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>I need to unsubscribe from the work address  
>and re-subscribe from home and postpone etc.  
>but I forget how....  
>  
>so Jim or Chuck if your out there, please advise.  
>  
>need to do it a.s.a.p. due to illness.  
>  
>Thanks, Dennis K3ETS

<<http://qrp.cc.nd.edu/qrp-1/clubinfo.html>>

Check out the Internet QRP Club's site on the WorldWide Web:  
<<http://qrp.cc.nd.edu/QRP-L/>>

-----  
Date: Wed, 18 Jun 1997 12:24:39 -0600  
From: Paul Harden <[pharden@aoc.nrao.edu](mailto:pharden@aoc.nrao.edu)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [21579] SST Lab Tests #1 de NA5N  
Message-ID: <199706181824.MAA06243@zia.aoc.nrao.edu>

Gang,

Doug and Joanne Hendricks stopped in Socorro on their way back to California (driving a HUGE rental truck full of furniture) and took me and my wife out to dinner. Turns out, that was a bribe to test and tweak up his newly built SST. So brought him down to the lab at the observatory and piddled with it on the spectrum analyzer, etc., mostly to demonstrate how some of these tests are done. We did not have time to test everything I usually like to check, but here are the results of this informal testing session on the SST:

|                                 |                                |
|---------------------------------|--------------------------------|
| Minimum detectable signal (MDS) | -138dBm (pretty good)          |
| 3dB IF filter bandwidth         | 300Hz                          |
| Peak audio response             | 490Hz (a little low on Dougs)  |
| Output power at 13.6v           | +33.3dBm = 2.1W                |
| 2nd harmonic                    | -36dBc (within FCC compliance) |

This is the SST 20M version. Did not have time to check sideband rejection, current draws, tuning range, etc. Will have to get mine and give it a more complete checkout.

The 2W output was acheived after some careful tuning of C28, C1 and some manipulation of the turns on L1 for peak fundamental power and reduction of the VXCO harmonics on the spectrum analyzer. However, initial output power before the benefit of all this fancy equipment was still 1.7W ... probably typical for most builders. The TX/RX offset appeared to be 650Hz, but the peak audio response was 490Hz, on Dougs unit anyway, which needs to be raised a bit to match the offset for maximum sensitivity. We made a hardcopy plot of the spectrum analyzer looking at the IF spectrum and the output power spectrum, which Doug now has.

SIDEBAR: We were using an H-P bench power supply to provide the +12v input. I increased the variable output to +13.6v to measure

output power at that voltage when something went POOF in the SST. Finally realized the bench power supply has a bad pot, for somewhere between 12 and 13.6v, the output suddenly goes to 46V! Afterwards, there was a dead short in the SST between +12v and ground. We lifted the PA transistor, 7808, etc. and still a short. Turns out, the 43v zener D6 (from PA collector to ground) broke down and shorted ... which saved the rest of the rig. After replacing the zener, the SST came right back up, inspite of a momentary 46v hit. (Thought I'd bought an SST from Doug the hard way there for a minute). Also ... Doug had used IC sockets on all the IC's ... which makes troubleshooting this sort of thing REAL EASY (hint, hint).

MORAL OF THE STORY:

1. These kinds of 000PS can happen to any of us.
2. YES ... that PA collector zener DOES SERVE A PURPOSE (inspite of occassional threads to the contrary now and again on QRP-L).
3. Don't let Doug take you to dinner ... you'll be fixing and tweaking something until midnight!

And finally ... for those who haven't seen the SST yet ... it is a nice little radio, the case not much bigger than a pack of smokes, and the mounting scheme for the PCB and controls is kinda intriguing. That handful of tests we did shows a nice little performer. And it works up to 46 volts! (Just kidding ...) I'll post more complete test results a bit later when I get mine and built.

72, Paul NA5N  
sczitch schwoof (dit dit at 46 volts)

-----  
Date: 18 Jun 97 14:27:50 EDT  
From: "W. D. Lindsey" <70511.3041@CompuServe.COM>  
To: "Richard W. Hemingway" <n5xrd@juno.com>  
Cc: "W. D. (Doc) LINDSEY" <70511.3041@CompuServe.COM>, QRP Discussion Group <QRP-L@Lehigh.EDU>  
Subject: [21580] Re: [TenTec] TenTec Scout  
Message-ID: <970618182750\_70511.3041\_IHD92-2@CompuServe.COM>

Richard:

Ten-Tec advertises in most major monthly ham publications, so that is one starting point. Another is simply to call them for information. I believe they will mail you info on the rig.

I have no financial interested in the company, but am highly satisfied with them and their products. Have owned an Argo 556, but eventually sold it to find cash

flow for my present Argo 515 and Argosy 525 QRP rigs. Also owned one of the very earliest of their PM-3A rigs. So I can vouch for Ten-Tec's great gear and equally important, their fantastic customer service.

They also have a web site, but unfortunately I don't know the URL. Doubtless someone will pop that one up. Good luck!

72/73,  
--Doc/K0EVZ qrp-1 861

-----  
Date: Wed, 18 Jun 1997 14:34:26 -0400  
From: Ronald McConnell <rcmcc@lucent.com>  
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>  
Cc: "'Ronald McConnell'" <rcmcc@lucent.com>  
Subject: [21581] Great Circle program: any beta testers around?  
Message-ID: <01BC7BF4.B975E800@ADC\_LAB9>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Is there anyone interested in beta testing ??

GCGC = great circle grid-locators & coordinates

= DOS command line great circle program  
[ Yet another little DOS program in the world of big  
graphics heavy Windows programs??]

+ Inputs = latitude/longitude or grid locators  
[ L/L or GC for station 1 and 2, or mixed]

+ Outputs = latitude/longitude & grid locators

\*\*\* + Very Flexible Input Formats = MAIN DIFFERENCE \*\*\*  
from umpteen other good great circle programs  
Meant to be simple to use. (I hate to say  
"user friendly" as much as that's overused.)  
( n/s/w/e not +/-;  
degrees, degrees minutes or degrees minutes seconds;  
decimal or integers)

+ Bearings and distances using an ellipsoidal earth model

= an overkill for most ham purposes,  
but I had the code and the spherical models  
have their problems. [Compare with W9IP's  
nice BD program that's certified for VUCC  
award calculations: different algorithm but  
results are the same.]

- + Short path, long path, return bearing from DX
- + Home coordinates (L/L or GC) as a default location
- + Built-in MiniMUF for a quick and dirty propagation looks  
[ Not intended to compete with CAPMan or other big programs]  
[ Flux is increasing! Flux is increasing! :) :) ]
- + Beta State: it doesn't crash my PC and the answers seem to check.
- + Inspired by and intended to replace Steve Sampson's (N5OWK)  
neat little gc.c program used at Lehigh
- + Free

I can send the package as a  
zipped attachment (81K),  
or as an  
uuencoded-zipped file either attached (115K) or in-line (1800 lines).  
State preference.

If there is a realllly big response,  
I'll see if I can get it uploaded to the Lehigh ftp site.

Cheers, 73,

Ron McConnell, w2iol, rcmcc@lucent.com

-----  
Date: Wed, 18 Jun 1997 11:35:49 -0700  
From: Peter Chow <pchow@cisco.com>  
To: qrp-1@Lehigh.EDU  
Subject: [21582] Re: Environtronic Inc.  
Message-ID: <199706181835.LAA20332@mb.cisco.com>

Thanks Chuck for the pointer. According to Gene, there are three models  
that he is offering now:

1. 501F (\$58.95)
2. 501G (\$64.95) same size as 501F, but don't need screwdriver to adjust
3. 502 (\$74.95) largest model, weighs approx. 2lbs

Right now the lead time is around one week and there is an additional \$5.50 USPS shipping charge.

I've ordered a 501G and the total comes to \$70.45.

72,  
Peter/N6YD

-----  
Date: 18 Jun 97 14:48:01 EDT  
From: "W. D. Lindsey" <70511.3041@CompuServe.COM>  
To: QRP Discussion Group <QRP-L@Lehigh.EDU>  
Cc: "W. D. (Doc) LINDSEY" <70511.3041@CompuServe.COM>  
Subject: [21583] Phased SLV/W6MMA's ???  
Message-ID: <970618184800\_70511.3041\_IHD70-1@CompuServe.COM>

Gang:

Can anyone tell me how to run \*two\* SLV\W6MAA in a phased arrangement? I have heard some mention about this, but have not seen detailed information. Believe that this arrangement might be possible and very useful at my smallish QTH.

Can anyone help? Please also describe any personal experiences with such arrangement which you may have. Many thanks in advance for the assistance.

72/73,  
--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 mn-qrp 19 nj-qrp 69  
ak/qrp 139

-----  
Date: Wed, 18 Jun 1997 19:04:00 -0320  
From: mark.milburn@arbbs.com (Mark)  
To: qrp-l@Lehigh.EDU  
Subject: [21584] Michigan Sprint  
Message-ID: <f007.4474.-1@arbbs.com>

After a month of being away from the list ... due to a malfunctioning BBS ...

I think I'm back on. If anyone has published the rules for the upcoming Michigan Sprint, I missed it. Will you please put it on the list again?

And many thanks to Jim Eshleman for his patience in getting me back on the list. I would be on...then the mail would bounce ... then I would be back on. Whatever it took, Jim did. Tell you what, there wouldn't be any QRP-L without the dedication of a few, and we can't say thanks enough.

72/73 Mark

KQOI @ W0AK.#CIA.IA.USA.NOAM E-mail: mark.milburn@arbbs.com  
ARRL - DMRAA - QRP-L #625 - NORCAL #1829 - ARS #139 - NW QRP #418  
QRP ARCI #9226  
WIMPS: 0S0S=18, 30M=18,17M=00,12M=00, STATES=13,PROVINCES=00,DX= 01

```
... nfx v2.6 [C0000] Lottery: a tax on people bad with math.
```

[illegible]

Date: Wed, 18 Jun 1997 20:17:53 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: pharden@aoc.nrao.edu  
Cc: qrp-1@Lehigh.EDU  
Subject: [21585] Re: SST Lab Tests #1 de NA5N  
Message-ID: <199706181917.UAA01678@chuck.dallas.sgi.com>

IC's were from the K5F0 parts bin. My preference in building something new. :-)

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com  
<http://reality.sgi.com/adams/>  
 WIMPS: 0s=037 30m=32 17m=5 12m=0 States=22/05/00 DX=03/00/00 QSLs=014





Date: Wed, 18 Jun 1997 20:20:55 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [21587] Re: NA5N  
Message-ID: <199706181920.UAA01710@chuck.dallas.sgi.com>

Should have been IC sockets. Typo's 101.

Chuck Adams K5FO CP-60 adams@sgi.com  
<http://reality.sgi.com/adams/>  
WIMPS: Qs=037 30m=32 17m=5 12m=0 States=22/05/00 DX=03/00/00 QSLs=014

-----  
Date: Wed, 18 Jun 97 15:31:36 EDT  
From: jeverhar@camden.lmco.com  
To: qrp-1@Lehigh.EDU  
Cc: jeverhar@camden.lmco.com, njqrp@njqrp.org  
Subject: [21588] Wanted: North Boston area surplus stores  
Message-ID: <9706181931.AA21380@train11.CAMDEN.LMCO.COM>

Gang,

I will be travelling to Peabody, MA in the near future on business. Gonna work nights and other strange hours so will sleep and explore the area during the day. Are there any good electronics surplus stores in that area these days? It used to be heaven when John Meshna used to be in Lynn. It really was like a candy store for homebrewers! Anybody remember the "doggy-do" transmitters?

Sigh, looks like it will be hammus-interruptus for a while so I need to buy more junk that I'll never find time to use. :-)

72/73,

Joe E., N2CX

-----  
Date: Wed, 18 Jun 97 15:34:48 EDT  
From: jeverhar@camden.lmco.com  
To: adams@chuck.dallas.sgi.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [21589] Re: NA5N  
Message-ID: <9706181934.AA21383@train11.CAMDEN.LMCO.COM>

> From owner-qrp-1@lehigh.edu Wed Jun 18 15:23:12 1997  
> Date: Wed, 18 Jun 1997 20:20:55 +0100  
> Reply-To: adams@chuck.dallas.sgi.com  
> Sender: owner-qrp-1@lehigh.edu  
> From: adams@chuck.dallas.sgi.com (Chuck Adams)  
> To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
> Subject: Re: NA5N  
> X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN  
> Content-Length: 183  
>  
>  
> Should have been IC sockets. Typo's 101.  
>  
> Chuck Adams K5FO CP-60 adams@sgi.com  
> <http://reality.sgi.com/adams/>  
> WIMPS: Qs=037 30m=32 17m=5 12m=0 States=22/05/00 DX=03/00/00 QSLs=014  
>  
>

Chuck,

Sockets? I thought sockets were only for those who never make mistakes.  
Didn't I hear that physicists buy pencils without erasers because they never  
make mistakes? They merely uncover new phenomena!

72/73,

Joe E., N2CX

-----  
Date: Wed, 18 Jun 1997 14:30:09 -0500  
From: AA0QX <AA0QX@prodigy.net>  
To: Alyn Backe <ve6bpr@cnn.net>  
Cc: qrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU  
Subject: [21590] Re: Hamcom 3.1  
Message-ID: <33A83741.1C95@prodigy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Alyn Backe wrote:

>  
> You can get hamcom 3.1 off the FUNET site.  
>

> ftp://ftp.funet.fi/pub/ham  
> I believe it is in the MISC directory.  
>  
> 73, AL, VE6BPR...sk  
>

It's there! I got it! Thanks.

73 de austin AA0QX

-----  
Date: Wed, 18 Jun 1997 20:41:08 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: jeverhar@camden.lmco.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [21591] Re: NA5N  
Message-ID: <199706181941.UAA01796@chuck.dallas.sgi.com>

Joe et.al.,

I do all my math and physics and electronics with a fountain pen.  
Even copy code that way too.

: -)

Chuck Adams K5FO CP-60 adams@sgi.com  
<http://reality.sgi.com/adams/>  
WIMPS: Qs=037 30m=32 17m=5 12m=0 States=22/05/00 DX=03/00/00 QSLs=014

-----  
Date: Wed, 18 Jun 1997 14:46:45 -0500  
From: AA0QX <AA0QX@prodigy.net>  
To: Scott Cranston <cranston@zk3.dec.com>  
Cc: qrp-1@Lehigh.EDU  
Subject: [21592] Re: Hamcom 3.1  
Message-ID: <33A83B25.67DB@prodigy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Scott Cranston wrote:

>

> See "Unofficial HamCom Home Page": [www.accessone.com/~tmayhan](http://www.accessone.com/~tmayhan)  
>  
> Scott  
> KB1NW

This is a really nice Hamcom Site. Thanks.

73 de Austin aa0qx

-----  
Date: Wed, 18 Jun 1997 16:34:48 +0100  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: <jskalski@acsu.buffalo.edu>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [21593] Re: loop skywalker  
Message-ID: <199706182032.QAA16044@atl.org>

Jim-

I'm using a full wave vertical plane loop.  
1/8 wave verts, 3/8 wave horiz.  
Top wire approx. 13m off ground for my 80m  
loop. Work VK, ZL, Europe on 40 and  
80 with ease compared to dipole at height of top wire.  
I'm in Atlanta, almost downtown. Loop picks up much  
less near field noise than dipole or vertical did.

Feed with 450 ohm twin lead. Can't be near 1/2  
wave on 40 though as feedpoint impedance on 40  
is too high for tuner.

Fits in 120' incl supports.

-bob  
wb4mnf

-----  
| From: J. Skalski <jskalski@acsu.buffalo.edu>

| What height are people placing the loops? I am trying to figure out what  
| types of antennas fit on my postage stamp property.

-----

Date: Wed, 18 Jun 97 14:01:00 PDT  
From: Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>  
To: qrp-1@Lehigh.EDU  
Cc: ke4zv@radio.org  
Subject: [21594] Re: TVI/RFI and indoor antennas

Someone criticized my attitude toward indoor antennas. IMO, my attitude is shared by most antenna gurus (I'm not one). Living area antennas are just a bad idea. Attic antennas are a sometimes necessary evil. If that is discouraging, do what I did. Buy two acres with no antenna restrictions.

The same question was asked on rec.radio.amateur.antenna that was asked on this newsgroup. Here's a response from one of r.r.a.a's experts re: TVI/RFI and indoor antennas.

"It is unlikely that you have a harmonic problem. What is happening is simple \*overload\*. With the antenna that close, the E and H near fields are so strong that they simply overwhelm the receiver. There are only two possible solutions, run less power, or get the antenna well away from things it might overload. That's why you \*really\* want an outside antenna."

Gary

|                             |             |                     |
|-----------------------------|-------------|---------------------|
| Gary Coffman KE4ZV          | You Make It | Email:              |
| Destructive Testing Systems | We Break It | ke4zv@bellsouth.net |
| 534 Shannon Way             | Guaranteed  | or                  |
| Lawrenceville, GA 30244     |             | ke4zv@radio.org     |

Thanks Gary.

-----  
Date: Wed, 18 Jun 97 21:13:13  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-1@Lehigh.EDU>  
Subject: [21595] BANDS OPEN ....  
Message-ID: <199706182112.QAA01600@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Gang:

Some sigs on ten and lots of skip from 26mhz to 28mhz...

Been calling CQ off and on on 24906 for a couple of hours.... No takers..

Don't just listen....TRANSMIT.....:-)

Larry  
KA5T lewise@inetport.com

-----  
Date: Wed, 18 Jun 1997 14:31:23 -0700 (PDT)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [21596] Re: TVI/RFI and indoor antennas  
Message-ID: <Pine.SUN.3.90.970618142950.5540C-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Jun 1997, Cecil A Moore wrote:

> Someone criticized my attitude toward indoor antennas. IMO,  
> my attitude is shared by most antenna gurus (I'm not one).  
> Living area antennas are just a bad idea. Attic antennas are  
> a sometimes necessary evil. If that is discouraging, do what  
> I did. Buy two acres with no antenna restrictions.

Amen!!

After you have had a "real" antenna once, you will soon change  
your life style to have one again!!

>From 3 acres in Nevada.....

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

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Date: Wed, 18 Jun 1997 16:06:54 -0700

From: "Phil, K6LS" <k6ls@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [21597] Re: NA5N  
Message-ID: <33A85BED.27C7@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Chuck Adams wrote:

>  
> Joe et.al.,  
>  
> I do all my math and physics and electronics with a fountain pen.  
> Even copy code that way too.  
>

And to think that I was going to "come clean" and publicly announce  
that I am still using crayons after all these years.....:-)

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73 de Phil, K6LS/0  
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End of QRP-L Digest 761

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